Subject Index, 1981

Vol. 31, Nos. 1-6

A

Actinic keratosis
And squamous cell carcinoma, 84
Treatment of, 86

Alcohol
And esophageal cancer, 147, 152–153
And oral cancer, 146–155, 370
Relative cancer risk for whiskey and beer/wine drinkers, 153–154
Synergistic effects of smoking and drinking, 148–151

Amygdalin
And cyanide, 92–93
In laetrile, 91

B

Basal cell carcinoma
Clinical types of, 82–84
Etiology of, 80
Incidence, clinical characteristics, and common sites of, 79, 80, 83, 85
Treatment of, 84

Berenblum, Isaac, 239–253

Biographies
Berenblum, I., 239–240
Diehl, H.S., 114–119
Sutherland, A.M., 156–158

Biopsy
(See also, Diagnosis, cancer; and specific sites)
Bone marrow biopsy, 97, 173, 219, 222
Bronchoscopic biopsy, 111
Of endometrium, 314
Incisional biopsy, 80, 86–87
Lymph node biopsy, 97, 182
Needle biopsy, 98
Paranoid reaction to, 165
And skin cancers, 80, 87
Total excisional biopsy, 80

Bladder cancer
Age-adjusted death rates, 19
Estimated incidence and deaths by sex, 13, 21
Estimated new cases by sex, 20
Induced by carcinogens, 121
Induced in rats fed saccharin, 122
Mortality by sex in 1977, 15
By stage at diagnosis, 27
Survival rates for (by stage and sex), 26

Bone cancer
And chemotherapy, 132
In children, 28
Estimated deaths by sex, 21
Estimated new cases by sex, 20
Of extraskeletal bone, 279
Mortality by sex in 1977, 15

Bone marrow transplantation
In chronic myelogenous leukemia, 227

Brain cancer
In children, 28, 124–125
Estimated deaths by sex, 21
Estimated new cases by sex, 20
Mortality by sex in 1977, 15
By stage at diagnosis, 27
Survival rates for (by stage and sex), 26

Breast cancer
Additive hormonal therapy for, 194–203
Age-adjusted death rates, 18
In black women, 208–211
And chemotherapy, 132, 194–203
Estimated incidence and deaths by sex, 13, 21, 23
Estimated new cases by sex, 20, 22
Etiology of, 208–209
Excision and radiation therapy for, 61–64, 184–187
Hormonal and nonhormonal combination therapy for, 194–203
Implantation of, 281–283
Incidence of, 208–211
And leukemia, 172
In men, 21, 200
Radiation therapy for, 61–64
Response (to hormonal, nonhormonal therapy) vs survival time, 201–202
Risk of second cancer, 209–210
Sexual problems for patients, 46
By stage at diagnosis, 27
Surgical techniques for, 61
Survival rates for, 26, 199

Busulfan
For polycythemia vera, 59
See tables, 131, 134

Subject Index, 1981

Vol. 31, Nos. 1-6

A

Actinic keratosis
And squamous cell carcinoma, 84
Treatment of, 86

Alcohol
And esophageal cancer, 147, 152–153
And oral cancer, 146–155, 370
Relative cancer risk for whiskey and beer/wine drinkers, 153–154
Synergistic effects of smoking and drinking, 148–151

Amygdalin
And cyanide, 92–93
In laetrile, 91

B

Basal cell carcinoma
Clinical types of, 82–84
Etiology of, 80
Incidence, clinical characteristics, and common sites of, 79, 80, 83, 85
Treatment of, 84

Berenblum, Isaac, 239–253

Biographies
Berenblum, I., 239–240
Diehl, H.S., 114–119
Sutherland, A.M., 156–158

Biopsy
(See also, Diagnosis, cancer; and specific sites)
Bone marrow biopsy, 97, 173, 219, 222
Bronchoscopic biopsy, 111
Of endometrium, 314
Incisional biopsy, 80, 86–87
Lymph node biopsy, 97, 182
Needle biopsy, 98
Paranoid reaction to, 165
And skin cancers, 80, 87
Total excisional biopsy, 80

Bladder cancer
Age-adjusted death rates, 19
Estimated incidence and deaths by sex, 13, 21
Estimated new cases by sex, 20
Induced by carcinogens, 121
Induced in rats fed saccharin, 122
Mortality by sex in 1977, 15
By stage at diagnosis, 27
Survival rates for (by stage and sex), 26

Bone cancer
And chemotherapy, 132
In children, 28
Estimated deaths by sex, 21
Estimated new cases by sex, 20
Of extraskeletal bone, 279
Mortality by sex in 1977, 15

Bone marrow transplantation
In chronic myelogenous leukemia, 227

Brain cancer
In children, 28, 124–125
Estimated deaths by sex, 21
Estimated new cases by sex, 20
Mortality by sex in 1977, 15
By stage at diagnosis, 27
Survival rates for (by stage and sex), 26

Breast cancer
Additive hormonal therapy for, 194–203
Age-adjusted death rates, 18
In black women, 208–211
And chemotherapy, 132, 194–203
Estimated incidence and deaths by sex, 13, 21, 23
Estimated new cases by sex, 20, 22
Etiology of, 208–209
Excision and radiation therapy for, 61–64, 184–187
Hormonal and nonhormonal combination therapy for, 194–203
Implantation of, 281–283
Incidence of, 208–211
And leukemia, 172
In men, 21, 200
Radiation therapy for, 61–64
Response (to hormonal, nonhormonal therapy) vs survival time, 201–202
Risk of second cancer, 209–210
Sexual problems for patients, 46
By stage at diagnosis, 27
Surgical techniques for, 61
Survival rates for, 26, 199

Busulfan
For polycythemia vera, 59
See tables, 131, 134

C

Carcinogens
And bladder and liver cancers, 121
And cigarette smoking, 29, 34–35
In the environment, 205–206
Mechanisms of carcinogenesis, 241, 248–253
Effects of croton resin, 242–248
And pancreatic cancer, 348–349
Coffee, 348–349
Diabetes, tobacco, and diet, 348–349
Risk-benefit equation, 123
Systemic carcinogen hypothesis, 299
A variety of agents, 123
In women's occupations, 30–43

Cardiovascular diseases
Mortality rates, lowered, 118

Case reports
Implantation of breast cancer in a transplanted nipple, 281–283
Intraoperative systemic tumor embolism, 111–113
Multiple lymphomatous polyposis of the gastrointestinal tract, 219–221
Neurofibrosarcoma at irradiation site in a patient with neurofibromatosis and Wilms' tumor, 333–335

Chemotherapy
(See also, specific agents)
And acute leukemia, 59, 138, 371–373
Adjuvant therapy, 138
And advanced melanomas, 87–89
And development of second cancers, 172–176, 267
By disease response, 132–133
And gestational trophoblastic neoplasia, 328–331
And Hodgkin's disease, 57
And Kaposi's sarcoma, 8
Mechanism of action, 137, 139
For multiple lymphomatous polyposis, 220
New drugs since 1940, 131
And pancreatic cancer, 354, 356
And polycythemia vera, 58–59
Principles of, 138–139
And prostate cancer, 105–108

Childhood cancer
Incidence of, 28
And retinoblastoma, 28, 267
And splenectomy, 267
And Wilms' tumor, 258–270, 333–335

Chlorambucil
For polycythemia vera, 59
And second leukemia, 174–175
See tables, 131, 134

Chromosomes
Chromosome changes in hematologic malignancies, 222–238
Prognostic importance of, 227
Schematic diagram of banding patterns, 228
Treated ANLL patients, survival rates for, 230

Classics in Oncology
Lymphangiosarcoma in postmastectomy lymphedema: A report of six cases in elephantiasis chirurgica, 284–299
The mechanism of carcinogenesis: A study of the significance of cocarcinogenic action and related phenomena, 241–253
Psychological impact of cancer and its therapy, 159–171

Colostomies
Appliances, 338
Diet and irrigation, 337–338
Odor and noise, 338–340, 342
Placement, 337
Troublesome problems, 342–344

Cyanide
In amygdalin, 92–93
In laetrile, 92–93

Cyclophosphamide
For polycythemia vera, 59
See tables, 131–134

D

DDT
And benign tumors of the liver in rats, 122

DES (diethylstilbestrol)
And prostate cancer, 104–105

Diagnosis
(See also, specific modalities, sites)
Cases by site by stage, 27
And cytogenetic observations, 222
Of the endometrium (screening for), 308
And gestational trophoblastic neoplasia, 325–328
Importance of early diagnosis, 205
Of Kaposi's sarcoma, 3–4, 294–295
Of pancreatic cancer, 349–352
Preoperative screening in nipple transplants, 281–283
Of prostate cancer, 98, 141–145
Of skin cancers, 79–80, 82, 85–86
Of soft tissue sarcomas, 271–280

Whether to tell the patient, 170
Of Wilms' tumor, 258–259

Diehl, Harold S., 114–119

Diet
And managing colostomies, 337
And pancreatic cancer, 348–349

E

Editorials
Cancer and placebos, 126–128
"Raise your hands against the sky," 254–256
Smoking—the ticking time-bomb for teenage girls, 44–45

Elephantiasis chirurgica
And lymphangiosarcoma, 284–299
Clinical description of, 285–293
Pathology of, 293–299
Erroneous diagnosis of Kaposi's disease, 294–295
Surgical procedures for, 284, 288–290
Systemic carcinogen hypothesis, 299

Endometrial cancer
And chemotherapy, 133
Clinical and histologic data, 312–313
Epidemiologic data, 302
Estimated deaths, 21
Estimated new cases, 20
Sampling procedures for, 303
Screening of asymptomatic women, 300–317

Epidemiology
Of Hodgkin's disease, 361–364
Of oral cancer, 146–155, 370
Of pancreatic cancer, 346–349
And test chemicals, 122–123

Epstein-Barr virus
And Hodgkin's disease, 359–364
And infectious mononucleosis, 359–364

Esophageal cancer
Age-adjusted death rates, 19
And alcohol, 147, 152–153
Estimated deaths by sex, 21
Estimated new cases by sex, 20
By stage at diagnosis, 27
Survival rates for (by stage and sex), 26

Etiology, cancer
(See also, Carcinogens)
Of breast cancer, 208
Environmental factors, 29–43, 183–184, 204–206, 234–235, 239
Of Epstein-Barr virus, 359–364
Of Hodgkin's disease, 359–364
And host genetic factors, 224
Of infectious mononucleosis, 359–364
Of Kaposi's sarcoma, 6–7
Mechanism of carcinogenesis, 248–252
Of skin cancers, 80
Studied in laboratory animals, 120–123
Systemic carcinogen hypothesis, 299
Unknown mechanisms of action, 121–122

Eye cancer
Estimated deaths by sex, 21
Estimated new cases by sex, 20
Retinoblastoma in children, 28

F

5-Fluorouracil
And hormones, 196, 198
And multiple actinic keratoses, 86
See tables, 131–134, 137

G

Gastrointestinal tract
And lymphomas, 219–221

Gestational trophoblastic neoplasia
Diagnosis of, a spectrum of disease 323, 325–328
Natural history of, 322–325
Therapy for, 328–331

H

Head and neck tumors
And alcohol, 146–155
And chemotherapy, 133
And cigarette smoking, 146–155
And irradiation for benign conditions, 177–182

Hematologic malignancies
And chromosome changes, 222–238
And genetic etiology, 224
As second malignancies, 233–234

Hodgkin's disease
And chemotherapy, 57–59, 132, 372

And Epstein-Barr virus, 359–364
Estimated deaths by sex, 21
Estimated new cases by sex, 20
Etiology of, 359
And infectious mononucleosis, 359–364
Mortality by sex in 1977, 15
And polycythemia vera, 57–60
Survival rates for (by stage and sex), 26

Hormones
For advanced breast cancer, 194–203
Response (to hormonal, nonhormonal therapy) vs survival time, 201–202
And endometrial cancer, 302, 316
Estrogen receptor status in black women, 210
And gestational trophoblastic neoplasia, 323
And prostate cancer, 105–108
Palliative therapy for, 105–106
And stool odor in colostomies, 339

I

Immunology
And advanced melanomas, 89
And basal cell carcinoma, 84
And Kaposi's sarcoma, 8–9
Role of placebos in, 126–128

Infectious mononucleosis
And Epstein-Barr virus, 359–364
And Hodgkin's disease
Epidemiological studies, 361–363
And lymphomas, 362–363

Interviews
Head and neck tumors associated with irradiation for benign conditions, 177–182

K

Kaposi's sarcoma
And chemotherapy, 8
Classification of, 4, 275
Etiology of, 6–7
And immunodeficiency, 8
Incidence of, 3
Misdiagnosis of, 294–295
And second primary cancers, 8–9

Kidney cancer
In children, 28, 258–270
Estimated incidence and deaths by sex, 13, 21
Estimated new cases by sex, 20
And leukemia, 172
Mortality by sex in 1977, 15
By stage at diagnosis, 27
Survival rates for (by stage and sex), 26
Wilms' tumor, 258–270
Clinicopathologic staging, 262–263
Results of national study, 265
Therapeutic trial schemes, 266

L

Laetrile
A lesson in cancer quackery, 91–95
Taking laetrile, 365–369
Toxicity of, 92–93

Larynx cancer
Estimated deaths by sex, 21
Estimated new cases by sex, 20
By stage at diagnosis, 27
Survival rates for (by stage and sex), 26

Leukemia
Age-adjusted death rates by sex, 18–19
And chemotherapy, 59, 132–133, 371–373
In children, 28, 268
And chromosome changes, 222–238
Death rates (age-adjusted) around the world, 24–25
Development of a second leukemia, 172–176
Estimated deaths by sex and geographic location, 21, 23
Estimated incidence and deaths by sex and geographic location, 13, 20, 22
Genetic etiology of, 224
Mortality by sex in 1977, 15
Obtaining tumor cells, 222–223
Peripheral blood counts, 175
Potential carcinogens in environment, 234
And radiation therapy, 174, 185–187
Second International Workshop on Chromosomes in Acute Leukemia, 231
Survival rates for (by stage and sex), 26
Third International Workshop on Chromosomes in Acute Leukemia, 234

Liver cancer
Age-adjusted death rates by sex, 18–19
And chemotherapy, 133
In children, 28
Estimated deaths by sex, 21
Estimated new cases by sex, 20
Induced in mice, 121
By stage at diagnosis, 27
Survival rates for (by stage and sex), 26

Lung cancer
Age-adjusted death rates by sex, 18–19
Bronchogenic carcinoma, 111–113
And chemotherapy, 132–133
Death rates (age-adjusted) around the world by sex, 24
Escalating incidence among women, 29–30
Estimated deaths by sex and geographic location, 21, 23
Estimated incidence and deaths by sex and geographic location, 13, 20, 22
Incidence still rising, 116
Mortality by sex in 1977, 15
By stage at diagnosis, 27
Survival rates for (by stage and sex), 26
Systemic tumor embolism, 111–113

Lymphangiosarcoma
And elephantiasis chirurgica, 284–299
Clinical description of, 285–293
Erroneous diagnosis of Kaposi's disease, 294–295
Pathology of, 293–299
Surgical procedures for, 284, 288–290
Systemic carcinogen hypothesis, 299

Lymphomas
Burkitt's lymphoma, 361
And chemotherapy, 132
In children, 28
Estimated incidence and deaths by sex, 13, 20, 21
Of gastrointestinal tract, 219–221
Hodgkin's disease, 359–364
Lymphoid malignancies, 234–235
Mortality by sex in 1977, 15
And radiation therapy, 185–186
Secondary to Kaposi's sarcoma, 8–9
Survival rates for (by stage and sex), 26

M

Malignant melanoma
And chemotherapy, 87, 89, 133
Diagnosis of, 86–87
And immunotherapy, 87, 89
Incidence of, 79–80, 83, 86
Treatment of, 87, 89

Mammography
Carcinogenic danger of, 185
As diagnostic tool, 281
Low doses for, 211

Management, cancer
Adjuvant treatment, 206
The clinical oncologist, 204–207
Of colostomies, 336–345
Modality therapy, 206–207
And neurofibromatosis, a clinical dilemma, 333–335
Preoperative screening of nipple, 281–283
Psychological support system, 254–256
The risk-benefit ratio, 258
Screening and detection, 205
Spiritual care, 51–54, 184, 254–256

Mortality, causes of
Leading causes of, 14
Ten leading causes by age group and sex, 16–17

Multiple myeloma
And chemotherapy, 133
And radiation therapy, 186
Survival rates for (by stage and sex), 26

N

NIH regulations
Medicine by proxy, 55–56

O

Occupational cancer
And environmental factors, 205
Exposure to mutagenic agents, 226, 235
And federal agencies, 41
Health hazards in "traditionally female" occupations, 36–37
Radiation exposure, 39

Opinions
Local excision and primary radiation therapy for early breast cancer, 61–64
The validity of animal studies with chemical carcinogens, 120–123

Oral cancer
Deaths (age-adjusted) around the world, 24
Estimated deaths by sex and geographic location, 21, 23
Estimated incidence and deaths by sex and geographic location, 13, 20, 22
Related to smoking and alcohol, 146–155
Heavy drinkers at risk, especially beer/wine, 154
Heavy use of mouthwash questioned, 370
By stage at diagnosis, 27
Survival rates for (by stage and sex), 26

Outpatient cancer care
Contribution of the clergy, 51–54, 184, 255
Role of the physician, 170

Ovarian cancer
Age-adjusted death rates, 18
And chemotherapy, 133
Estimated incidence and deaths 13, 20, 21
Mortality in 1977, 15
By stage at diagnosis, 27
Survival rates for (by stage), 26

P

Pain control, and cancer
Endorphins and encephalins, 127
Interferon, 128
And placebos, 127–128

Pancreatic cancer
Age-adjusted death rates, 18–19
And chemotherapy, 133, 354, 356
And diabetes, tobacco, and diet, 348–349
Diagnosis of, 349–352
By stage at diagnosis, 27
Epidemiology, 346–348
Estimated deaths by sex and geographic location, 21, 23
Estimated incidence and deaths by sex, 13
Estimated new cases by sex and geographic location, 20, 22
Incidence and mortality of, 346–348
Mortality by sex in 1977, 15
Present rate of, 346–348
Radiation therapy for, 353–354
Surgery for, 352–353
Survival rates for, 26, 346

Pharmacology
And chemotherapy, 138–139
And species usage, 121

Pharynx cancer
Estimated deaths by sex, 21
Estimated new cases by sex, 20
Examination for, 124, 319
By stage at diagnosis, 27
Survival rates for (by stage and sex), 26

Placebos
And human chemistry, 126–128

Polycythemia vera
And acute leukemia, 58–59
Chemotherapeutic agents for, 59
And Gaisböck's syndrome, 58
And Hodgkin's disease, 57–59

Procarbazine
For polycythemia vera, 59
See tables, 131–133, 136–137

Prostate cancer
Age-adjusted death rates, 19
And biological markers, 99–100, 103–104
And chemotherapy, 106–108, 132
Death rates (age-adjusted) around the world, 25
And DES, 104–105
Diagnosis of, 98, 141–145, 318
By stage at diagnosis, 27
And digital rectal examination, 141–145
Estimated deaths by geographic location, 21, 23
Estimated incidence and deaths by sex and geographic location, 13, 20, 22
Grade and clinical stages of, 96–97, 102
Hormonal therapy for, 105–108
Mechanisms of spread, 97
Mortality in 1977, 15
And orchiectomy, 104
Primary treatment for, 105–107
And prostatic acid phosphatase, 98–99, 318–319
By race and stage, 99
Screening tests for, 143–144
Survival rates for (by stage), 26, 96, 100–101

Psychosocial problems, of cancer patients
And breast cancer, 161
And colostomies, 336–345
And the immune system, 126–128
And laetrile, 91–95, 365–369
Modality therapy, 206
Psychological impact of therapy, 159–171, 204–207, 254–256
And sexuality, 47–48
Surgeon's responsibility, 169

Public attitudes towards
Cancer, by black Americans, 212–218
Cigarette smoking and health, 44–45, 75–79, 114–119, 373
Colostomies, 336, 339, 342
Excessive drinking, 153–154
Laetrile, 91–95, 365–369
Rectum and colon cancers, 66, 73
Sexual problems in cancer patients, 47–48

R

Radiation
Dose rates from occupational radiation exposure, 39

Radiation therapy
For basal cell carcinoma, 84
For breast cancer, 61–64, 210
For cancer of the cervix, 185–186
As a carcinogen, 182, 185, 267
And gestational trophoblastic neoplasia, 330–331
And head and neck tumors, 177–182, 370–371
And leukemia, 172, 173, 182, 227
And malignant melanoma, 87
And neurofibrosarcoma, with neurofibromatosis, 333–335
And pancreatic cancer, 353–354
And prostate cancer, 106–108
And squamous cell carcinoma, 85–86
And thyroid gland, 177–182
And Wilms' tumor, 264–268, 333–335

Rectum and colon cancer
Age-adjusted death rates by sex, 18–19
And chemotherapy, 133
Deaths (age-adjusted) around the world, 24
Estimated deaths by sex and geographic location, 21, 23
Estimated incidence and deaths by sex, 13
Estimated new cases by sex and geographic location, 20, 22
And leukemia, 172
And lymph nodes, 67–68
And managing colostomies, 336–345
Mortality by sex in 1977, 15
Public attitudes towards, 66, 73
Service at Memorial Sloan-Kettering, 70–72
By stage at diagnosis, 27
Surgical treatment for, 66–74
Survival rates for, 26, 69, 71, 73

Reticulosarcoma
Mortality by sex in 1977, 15
Survival rates for (by stage and sex), 26

S

Saccharin
And bladder tumors in rats, 122
High doses of test chemicals, 122
Risk-benefit equation, 123

Sexual problems, in cancer patients
With colostomies, 344
Evaluation of, 48
Myths and attitudes, 47–48
Prevalence of, 46
Treatment plan for, 49

Skin cancer
Basal cell carcinoma, 79–84
Characteristics and sites of, 83
Danger signals of, 87, 89
Deaths (age-adjusted) around the world, 25
Diagnosis and management of, 79–90
Effect of croton resin, 242–248
Estimated incidence and deaths by sex, 13, 20, 21
Etiology of, 80
Incidence of, 79–80
Induced in mice, 247
Induced in rabbits, 121
Kaposi's sarcoma, 2–12, 79
Misdiagnosis of, 294–295
And leukemia, 172
Malignant melanoma, 79–80, 86–89
Mortality by sex in 1977, 15
And radiation therapy, 84–87, 371
Squamous cell carcinoma, 79–80, 84–86
By stage at diagnosis, 27

Survival rates for (by stage and sex), 26

Smoking, cigarettes
Anti-cigarette crusade, 118–119
By black Americans, 215
And bronchogenic carcinoma, 111
Change of smoking habits, 117–118
Effects of quit-smoking material, 77, 187–189
And head and neck cancers, 146
And Hodgkin's disease, 58
Increased incidence among women, 29, 116
In relation to occupation, 30
In teenage girls, 44–45, 187–189
In working women, 34–35
And oral squamous carcinoma, 146–155
And pancreatic cancer, 348
Passive smoking, 39
Physicians' role in quitting, 75–78, 187–188, 373
Surgeon General's report, 40
Synergistic effects with alcohol, 146–155

Soft tissue sarcomas
And chemotherapy, 133
Classification and natural history of, 271–280
In children, 28
Incidence of, 271

Squamous cell carcinoma
Alcohol as prime risk factor for, 146–155, 370
And Bowen's disease, 79
Description of, 84–86
Incidence of, 79–80, 83
And lobectomy, 111
And osteomyelitis, 85

Statistics, cancer
(See also, Mortality and specific sites)
Deaths
Age-adjusted by sex in United States, 18–19
Around the world (age-adjusted), 24–25
Estimated by site and sex in 1981, 13, 21
By geographic location in United States in 1981, 23
By site and sex in 1977, 15
Survival rates for (by stage and sex), 26
Incidence
In children by site, 28
Estimated by site and sex in 1981, 13, 20
By stage at diagnosis, 27
Estimated new cases by geographic location in 1981, 22

Stomach cancer
Age-adjusted death rates by sex, 18–19
And chemotherapy, 133
Deaths (age-adjusted) around the world, 25
Estimated deaths by sex and geographic location, 21, 23
Estimated new cases by sex and geographic location, 20, 22
And leukemia, 172
Low sensitivity to irradiation, 182
Mortality by sex in 1977, 15
By stage at diagnosis, 27
Survival rates for (by stage and sex), 26

Surgery
For basal cell carcinoma, 84
For breast cancer, 61–64, 210
For bronchogenic carcinoma, 111
And colostomies, 337, 343–344
And gestational trophoblastic neoplasia, 328–331
And implantation of cancer, 281–283
For malignant melanoma, 87
For prostate cancer, 104–105
Psychological impact of, 162–166
For rectum and colon cancer, 66–74
For squamous cell carcinoma, 86
For Wilms' tumor, 259, 262–263, 333–335

Sutherland, Arthur M., 156–171

Systemic tumor embolism
And bronchogenic carcinoma, 111–113

T

Testicular cancer
And chemotherapy, 132
Estimated deaths, 21
Estimated new cases, 20
Mortality rate in 1977, 15
And Pott's squamous cell carcinoma, 85, 120

Thyroid cancer
Estimated deaths by sex, 21

Estimated new cases by sex, 20
And irradiation, 177–182, 371
By stage at diagnosis, 27
Survival rates for (by stage and sex), 26

Tuberculosis
Isoniazid and animal studies, 122
And prostate cancer, 98
Research on, 114

U

Uterine cancer
Age-adjusted death rates, 18
And chemotherapy, 133
Estimated deaths by geographic location, 21, 23
Estimated incidence and deaths, 13
Estimated new cases by geographic location, 20, 22
And gestational trophoblastic neoplasia, 330
Mortality in 1977, 15
By stage at diagnosis, 27
Survival rates for (by stage), 26

W

Wilms' tumor
And chemotherapy, 132, 333–335
Clinicopathologic staging of, 262–263
Diagnosis of, 258–259
National study of, 265
And neurofibromatosis, 268, 333–335
And radiation therapy, 333–335
And second cancers, 267–268
Surgery for, 259, 333–335
Survival rates for, 260
Therapeutic trial schemes, 266
Treatment of, 259–268

Women
Classified by occupation, 31, 33
Increased incidence of smoking by, 29, 44–45, 116, 187–189
Incidence by occupation and industry, 34–35
Potential occupation hazards, 36–37
Radiation exposure by occupation, 39
Recommendations for occupational health aid, 40–41

X

X-ray
And diagnosis of prostate cancer, 98
Exposure *in utero*, 178
And gestational trophoblastic neoplasia, 325, 327–329
And metastases of skin cancers, 85–86
And tumor induction, 182, 184–185

Author Index, 1981

Vol. 31, Nos. 1-6

B

Barnard, D.E., 322–332
Beazley, R.M., 346–358
Belasco, J., 258–270
Berenblum, I., 241–253
Braun, M., 157–158
Bush, I., 141–145

C

Chu, J-Y., 333–335
Cohn, I., Jr., 346–358
Cousins, N., 126–128
Cucin, R.L., 281–283

D

D'Angio, G.J., 258–270
Danis, R.K., 333–335
DeCosse, J.J., 66–74
Derogatis, L.R., 46–50
Doll, D.C., 219–221

E

Enker, W.E., 66–74

G

Garfinkel, L., 114–119, 146–155
Gaston, J.P., 281–283
Gilham, N., 141–145
Golomb, H.M., 222–238
Good, R.A., 2–12
Guinan, P., 141–145
Gumport, S.L., 79–90

H

Hajdu, S.I., 271–280
Hammond, C.B., 322–332
Harris, M.N., 79–90
Harris, S., 146–155
Holleb, A.I., 44–45, 254–256

K

Kaufman, R.J., 194–203
Khojasteh, A., 172–176
Kopf, A.W., 79–90
Koss, L.G., 300–317
Kourlesis, S.M., 46–50
Krakoff, I.H., 130–140

L

Lacher, M.J., 359–364
Larson, R.A., 222–238
Leffall, L.D., Jr., 208–211
Lerner, I.J., 91–95
Levene, M.B., 61–64
Levine, H.S., 300–317
Loeb, V., Jr., 204–207

M

Mashberg, A., 146–155
Mays, L.H., 51–54
McKiel, C., 141–145
Moukhtar, M., 300–317
Moussouris, H.F., 300–317
Murphy, G.P., 96–110

N

Nagubadi, S.R., 141–145

O

Oberlander, S.G., 300–317
O'Connor, D.M., 333–335

P

Perry, M.C., 172–176
Petersen, J.C., 365–369

R

Rhee, H., 141–145
Roses, D.F., 79–90
Rowbotham, J.L., 336–345
Rowley, J.D., 222–238

S

Safai, B., 2–12
Scanlon, E.F., 177–182
Schreiber, K., 300–317
Shankar, P.S., 111–113
Shubik, P., 120–123
Silverberg, E., 13–28
Stellman, J.M., 29–43
Stellman, S.D., 29–43
Stewart, F.W., 284–299
Stockwell, S., 239–240

Stolinsky, D.C., 57–60
Sutherland, A.M., 159–171

T

Taylor, H.M., 172–176
Treves, N., 284–299
Tyrey, L., 322–332

V

Vissing, Y.M., 365–369

W

Weed, J.C., 322–332